

(19) World Intellectual Property  
Organization  
International Bureau



(43) International Publication Date  
10 February 2005 (10.02.2005)

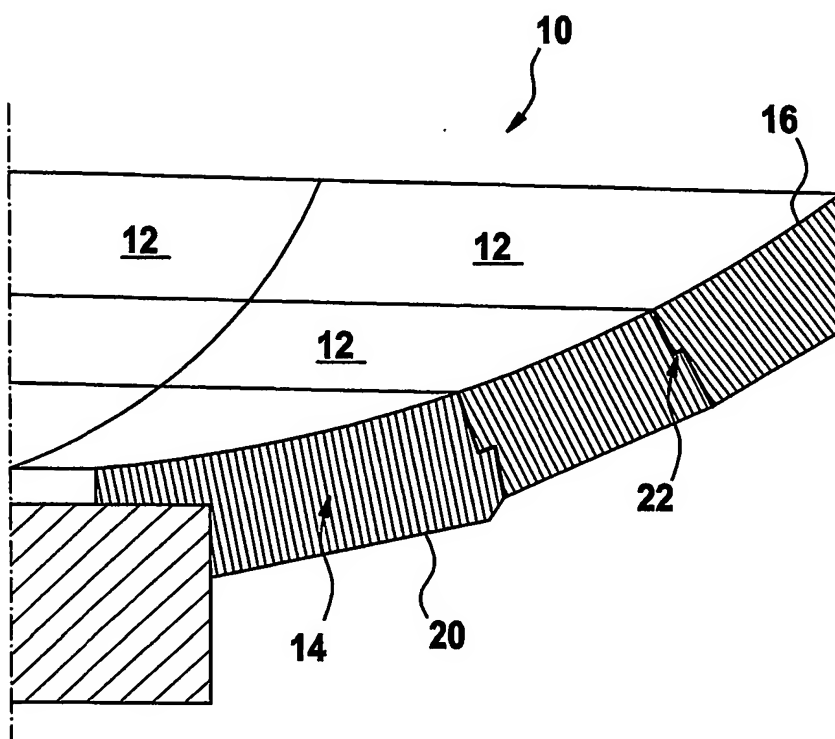
PCT

(10) International Publication Number  
**WO 2005/013421 A1**

- (51) International Patent Classification<sup>7</sup>: **H01Q 15/16**, 15/14
- (21) International Application Number: PCT/EP2004/051623
- (22) International Filing Date: 27 July 2004 (27.07.2004)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:  
91 033 29 July 2003 (29.07.2003) LU
- (71) Applicant (for all designated States except US): **HITEC LUXEMBOURG S.A.** [LU/LU]; 5, rue de l'Eglise, L-1458 LUXEMBOURG (LU).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **HIRTT, Pierre** [LU/LU]; 15, rue Charles Quint, L-2380 LUXEMBOURG (LU).
- (74) Agents: **BEISSEL, Jean et al.**; Office Ernest T. Freylinger S.A., B.P. 48, L-8001 Strassen (LU).
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

[Continued on next page]

(54) Title: ANTENNA REFLECTOR



(57) Abstract: An antenna reflector panel comprises a reinforcing element and a reflector sheet being mounted onto said reinforcing element. According to the invention, the reinforcing element comprises a block of a machinable material having a shaped front surface, said reflector sheet being fixed to said front surface of said block so as to form a first skin layer of said block of machinable material.



**Published:**

— *with international search report*

*For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.*